

Country : POLAND

T

Category: Human and Animal Physiology. Metabolism.
Water-salt Metabolism

Abs Jour: RZhBiol., No 19, 1958, 88539

and excretory systems and the digestive tract
were considered. The antagonistic action of
some drugs and electrolytes in relation to K
and also the action of K sensitizers was re-
viewed.

Card : 2/2

T-4

BRZOZOWSKI, Ryszard

General physiopathology of potassium metabolism in the organism.
Polakie arch. med. wewn. 29 no.6:845-858 1959.

1. z IV Zakladu Chorob Wewnetrznych Studium Doskonalenia Kadr
Lekarskich Kierownik: prof. dr nauk med. W. Orłowski.
(POTASSIUM, metab.)

BRZOZOWSKI, Ryszard

Generalized tuberculosis of the lymph nodes in adults. Polski
tygod.lek.15 no.9:319-322 29 I '60.

1. Z IV Zakladu Chorob Wewnetrznych Studium Doskonalenia Lekarzy
A.M. w Warszawie; kierownik: prof.dr.nauk med. Witold Orlowski.
(TUBERCULOSIS LYMPH NODE)

BRZOZOWSKI, Ryszard

Pathophysiology of copper metabolism in the organism. Polskie
arch.med.wewn. 30 no.9:1191-1200 '60.

1. Z IV Zakladu Chorob Wewnetrznych Studium Doskonalenia Kadr
Lekarskich Kierownik: prof. dr nauk med. W.Orlowski.
(COPPER metab)

1.22.00

29163 R
P/036/60/000/007/001/001
D001/D101

AUTHOR: Brzozowski, Ryszard

TITLE: Metal bonding by means of synthetic resins

PERIODICAL: Przegląd spawalnictwa, no. 7, 1960, 163-165

TEXT: The article, first of a serial, is a general account of metal bonding by means of synthetic resins. An ever wider use of this method is made in a number of industries; it is used in manufacturing helicopter rotors, pressurized cabins, floats, fuel tanks, hydroplane fuselages and even a bonded pedestrian bridge with a 55.8 m span was built by this method. In the aircraft industry, resin bonding often replaces time-consuming riveting. The procedure in metal bonding is as follows: Cleaning and degreasing of surfaces to be bonded, even spreading of the bonding material, sticking the metal sheets, application of suitable pressure and, in case of a thermosetting resin, appropriate heating. Such bonds have a high shearing strength (some resins can withstand even 500 kg/cm²) but rather low tearing, impact and bending strength. Bonded joints are

Card 1/3

29163 R
P/036/60/000/007/001/001
D001/D101

Metal bonding by means of ...

nearly ideal because the forces are evenly distributed over the entire surface. Bonded joints withstand long-lasting static loads; their fatigue strength is only slightly lower than that of a homogeneous metal sample and better than that of lap-riveted joints. This method of jointing is advantageous because it does not change structural and mechanical properties of jointed material and it can be applied for jointing high alloy steels which are not easily welded, for jointing ferrous and non-ferrous metals, and metals with non-metals. The resin layer protects metal against corrosion and provides good electrical isolation. Resin bonds are resistant to a number of chemicals, but withstand only a narrow range of temperatures; temperatures above 80°C usually reduce their strength. However, there are some resins which can withstand temperatures from -184 to +260°C. In general, the strength of resin bonds grows with the strength of bonded material. Taking into consideration the strength characteristics of bonded metal and the economic aspect of bonding, the relative strength "w" of the joint must be always lower than 1, i.e., $w = \frac{c}{Q_r}$ (1), where c - tensile stress in metal at the

Card 2/3

Metal bonding by means of ...

29163 R
P/036/60/000/007/001/001
D001/D101

moment of bond failure, and Q_y - yield stress of metal. Bond strength increases with the size of bonded joint and depends on the type of same. The resin bonding technique is most feasible in cases when the bond is exposed to shearing or face tearing forces. The layer of bonding material is usually kept within the limits of 0.05 - 0.2 mm. There are 4 figures and 6 references, of which 3 are Polish and 3 West German.

Card 3/3

15 1124

P/036/60/000/011/003/003
A107/A026

AUTHOR: Brzozowski, Ryszard

TITLE: PWF/A and B Synthetic Resin Cement

PERIODICAL: Przeglad Spawalnictwa, 1960, No. 11, p. 291

TEXT: The PWF/A and B is a thermosetting cement and consists of two components, i.e., phenol-formaldehyde resin of 400 - 600 cp adhesiveness and 60 - 65% dry substances (Compound A) and coarse-grained polyvinyl formal powder (Compound B). PWF/A and B is used for cementing steel on steel, duralumin on duralumin, etc, it has a minimum adhesiveness of 200 kg/m² and is acid and waterproof. In the Zaklady Chemiczny "Boryszew", where this cement is produced, tests were made on its adhesiveness. For tests, two 2 x 20 x 70 mm St 37S steel sheets, according to standard PN-58/C-893000, with a 15 mm jointing edge were used. Before cementing, the test specimen were cleaned in benzene and polished with emery paper No. 100. After coating they were hardened at a pressure of 20 kg/m² and a temperature of 150°C during 20 min. There is 1 figure and 1 table.

ASSOCIATION: Polytechnika Warszawska (Warsaw Polytechnic)

Card 1/1

BRZOZOWSKI, Rystard

Pathophysiology of copper metabolism in the organism. II.
Polskie arch. med. wewnetrz. 30 no.10:1311-1315 '60.

l. Z IV Zakladu Chorob Wewnetrznych Studium Deskonalenia Lekarszy
w A.M. w Warszawie Kierownik: prof. dr nauk med. W. Orlowski.

(COPPER ther) (COPPER toxicol)

BRZOSOWSKI, Ryszard

"Natural and synthetic glue" by Aleksander Siemaszko and Stanislaw Porejko. Reviewed by Ryszard Brzosowski. Przegl spaw 13 no.8:227 '61.

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000307210005-3

BROZOWSKI, Ryszard

Second national conference on the resistance of materials. Przegl spaw
13 no.9:4 of cover '61.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000307210005-3"

BRZCZOWSKI, Ryszard

"Welding of synthetic products". Reviewed by Ryszard Brzozowski.
Przegl spaw 13 no.12:332 '61.

BRZOZOWSKI, Ryszard

A case of primary cancer of the lung with a typical course. Polski
tygod. lek. 16 no.18:679-681 1 My '61.

1. Z IV Zakladu Chorob Wewnetrznych Studium Doskonalenia Lekarszy
w Akademii Medycznej w Warszawie p kierownik: prof. dr nauk med.
Witold Orłowski.

(CARCINOMA BRONCHIOGENIC diag)

BRZCZOWSKI, Ryszard
SURNAME (in caps); Given Names

Country: Poland

Academic Degrees:

Fourth Dept of Internal Diseases, Physicians Refresher Section
Affiliation: School of Medicine (Akademia Medyczna), Warsaw; Director:
Witold ORLOWSKI, Prof, dr Medical Sciences
Source: Warsaw, Polski Tygodnik Lekarski, No 18, 1 May 1961, pp 679-681.

Data: "Primary Pulmonary Cancer. Atypical Course, Case Report."

BRZOZOWSKI, Ryszard

Notes on the effect of micoren. Pol. tyg. lek. 17 no. 51:1993-1995 17
D '62.

1. Z IV Zakladu Chorob Wewnetrznych Studium Doskonalenia Lekarzy AM
w Warszawie; kierownik: prof. dr med. Witold Orlowski.
(PRETHCAMIDE)

BRZOZOWSKI, Ryszard

Manganses metabolism in the organism. Pol. arch med. wewn. 32 no.10:
1287-1293 '62.

l. Z IV Zakladu Chorob Wewnetrznych Studium Doskonalenia Lekarzy
AM w Warszawie Kierownik: prof. dr med. W. Orlowski.
(MANGANESE)

BRZOZOWSKI, Ryszard

Clinical aspects of disorders of magnesium metabolism. Pol. arch.
med. wewn. 32 no.11:1361-1367 '62.

1. Z IV Zakladu Chorob Wewnetrznych Studium Doskonalenia lekarzy AM
w Warszawie Kierownik: prof. dr med. W. Orlowski.
(MAGNESIUM) (MAGNESIUM DEFICIENCY)

BRZOZOWSKI, Ryszard

Behavior of copper and iron in gastric and duodenal ulce.
Rozpr. wydz. nauk. med. 8 no.2:317-334 *63

BRZOZOWSKI, S.

Simplified method of calculating the volume of street lighting.

P. 66 (WIADOMOSCI ELEKTROTECHNICZNE) (Warsaw, Poland) Vol. 17, no. 3, Mar. 1957

SO: Monthly Index of East European Accessions (EEAI) LC Vol. 7, No. 5, 1958

BRZOZOWSKI, Stefan, mgr inz.

Designing electric installations for theaters. Wiad elektrotechn 18
no.1:6-7 Ja '58.

1. Miastoprojekt Specjalistyczne, Pracownia Teatr, Warszawa.

BRZOZOWSKI, S.

"Designing electric installations in buildings for shows."

p. 6 (Wiadomosci Elektrotechniczne) Vol. 18, no. 1, Jan. 1958
Warsaw, Poland

SO: Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 4,
April 1958

BRZOZOWSKI, Stefan, mgr., inz.

Lighting technology in television studies. *Wiad elektrotechn*
28 no.10:312-314 0 '61.

1. Biuro Studiow i Projektow Radia i Telewizji, Warszawa.

BRZOZOWSKI, Stanislaw, mgr inz.

Problem of selecting the elements of the coal dust preparation system for OP-230 boilers and similar boiler types. Pt.1:
Energetyka Pol 16 no.9:Suppl.: Energopomiar 8 no.5:36-40
S '62.

1. Dzial Kotlow i Spalania, Zaklad Badan i Pomiarow,
Warszawa.

BRZOZOWSKI, Stanislaw, mgr inż.

Problems of selecting the elements of a system of dust preparation
for OP-230-type boilers and similar ones. Pt. 2. Energetyka Pol 16 no.11:
Suppl.: Energopomiar 8 no.6:41-47 N '62.

1. Dział Kotłów i Spalania, Zakład Badan i Pomiarów, Warszawa.

ROSS, Wojciech, mgr inz.; BRZOZOWSKI, Stanislaw, mgr inz.

Evaluation and selection of coal mills based on universal characteristics. Energetyka Pol 17 no.3 Suppl.: Energopomiar
9-12:9-12 Mr '63.

1. Zaklad Badan i Pomiarow, Dzial Cieplny, Warszawa.

BRZOZOWSKI, Stanislaw, mgr inz.

Causes of faulty operation of OP-230-b boilers. Energetyka
Pol 18 no. 1: Supplement: energopomiar 10 no. 1: 3-7 Ja '64.

1. Dzial Cieplny, Zaklad Badan i Pomiarow, Warszawa.

BRZOZOWSKI, Stanislaw

"History of concepts in agriculture and agricultural policy in the German-speaking countries" by Heinz Haushofer. Vol. 2. Reviewed by Stanislaw Brzozowski. Kwart hist nauki i tech 8 no.1: 96-98 '63.

BRZOZOWSKI, S.; JANOWSKI, A.; KEMULA, W.

Colorimetric determination of boron in perhydrol. p. 905.

CHEMIA ANALITYCZNA. (Komisja Analityczna Polskiej Akademii Nauk i Naczelną Organizacją Techniczną) Warszawa, Poland. Vol. 3, No. 5/6, 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 8, August 1959
Unclass.

COUNTRY	:	Poland	E-1
CATEGORY	:		
ABS. JOUR.	:	RZhKhim., No. 1959, No. 85998	
AUTHOR	:	Kemula, W.; Brzozowski, S.; Butkiewicz, K.	
INST.	:		
TITLE	:	Chromato-Polarographic Studies.XII.Differential Polarography Applied in Determining Concentration of Eluates of Chromatographic Column.	
ORIG. PUB.	:	Chem. analit., 1958, 3, No 3-4, 489-494	
ABSTRACT : The method is based on use, in differential circuit, of two dropping Hg-electrodes, one connected with chromatographic column, the other -- with a burette filled with initial solution subjected to chromatography (CS); eluate and CS are outflowing at the same rate. The system ensures mutual compensation of diffusion currents by electro-reduction of O ₂ present in CS. This is particularly important in chromatography of solutions in organic solvents readily dissolving O ₂ . The method is used to test chromatographic separation chloronitro-derivatives of benzene. Communication XI see RZhKhim, 1958, No 7, 21243. N. Polyanskiy.			

CARD:

BRZOZOWSKI, TADEUSZ

Reactions of acetamide with aniline and phenyl isocyanate. Wojciech Bymek, Natalia Brzozowska and Tadeusz Brzozowski (Mariae Curie-Skłodowska Univ., Lublin, Poland). Ann. Pol. Marcin Kurie-Skłodowska, Lublin-Polonia Sect. AA, 9, 35-43 (1954) (Pub. 1956).—Acetamide (I), aniline (II) and PhNCO (III) are heated at $200-20^{\circ}$ to yield 2,4,6-trianilino-1,3,5-triazine (IV), 3,4-dianilinoquinoxaline (VI), m. 182° , shr. acetanilide. V (1 g.) boiled with 10 ml. Ar_2O yields 2,4-bis(acetylamino)quinazoline, m. $148-50^{\circ}$. V heated under pressure with KOH at 100° for 4 hrs. yields 4-anilino-2-hydroxyquinazoline (VI), m. $252-54^{\circ}$; picrate, m. 260° ; hydrochloride, m. $256-7^{\circ}$. VI with 15% KOH and Me_2SO_4 yields 2-methoxy-4-anilinoquinazoline, m. $198-200^{\circ}$. The mechanism of the reaction is postulated.

Francis M. Kujawa

PM myc

BRZOZOWSKI, T.

T. BRZOZOWSKI, "The synthesis of new tuberculostatic compounds." Chemical News
(Poland), No. 3 March 1955, pp. 129-184

~~BRZOZOWSKI, T.~~

POLAND/Medicinal Substances, Vitamins. Antibiotics.

H.

Abs Jour : Ref Zhur - Khimiya, No 19, 1958, 65336

Author : Brzozowski, Tadeusz

Inst :

Title : The Influence of Light on Medicinal Substances.

Orig Pub : Farmac. polska, 1957, 13, No 8, 223-224.

Abstract : No abstract.

Card 1/1

2

BRZOZOWSKI, Tadeusz; LANGE, Jerzy

~~Nitrofuran druge. Polski tygod. lek. 14 no.30:1416-1420 27 July
59.~~

1. (Z Zakladu Syntezy I Instytutu Farmaceutycznego w Warszawie;
kierownik: doc. dr Halina Dahlig i z Zakladu Technologii Organicznej
II Politechniki Warszawskiej: kierownik: prof. dr Tadeusz Urbanski).
(NITROFURANS)

BRZOZOWSKI, W.

BRZOZOWSKI, W.
"Piecework in Loading." P. 11, (GOSPODARKA RYBNA, Vol. 5, No. 10,
Oct. 1953. Warszawa, Poland.)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 3,
No. 12, Dec. 1954, Uncl.

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000307210005-3

DR ZOZOWSKI, W
BRZOZOWSKI, W.

"Influence of a Regular Supply of Merchandise on Cost." p. 14,
(GOSPODARKA RYBNA, Vol. 6, No. 3, Mar. 1954. Warszawa, Poland.)

SO: Monthly List of East European Accession, (EEAL), LC,
Vol. 3, No. 12, Dec. 1954, Uncl.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000307210005-3"

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000307210005-3

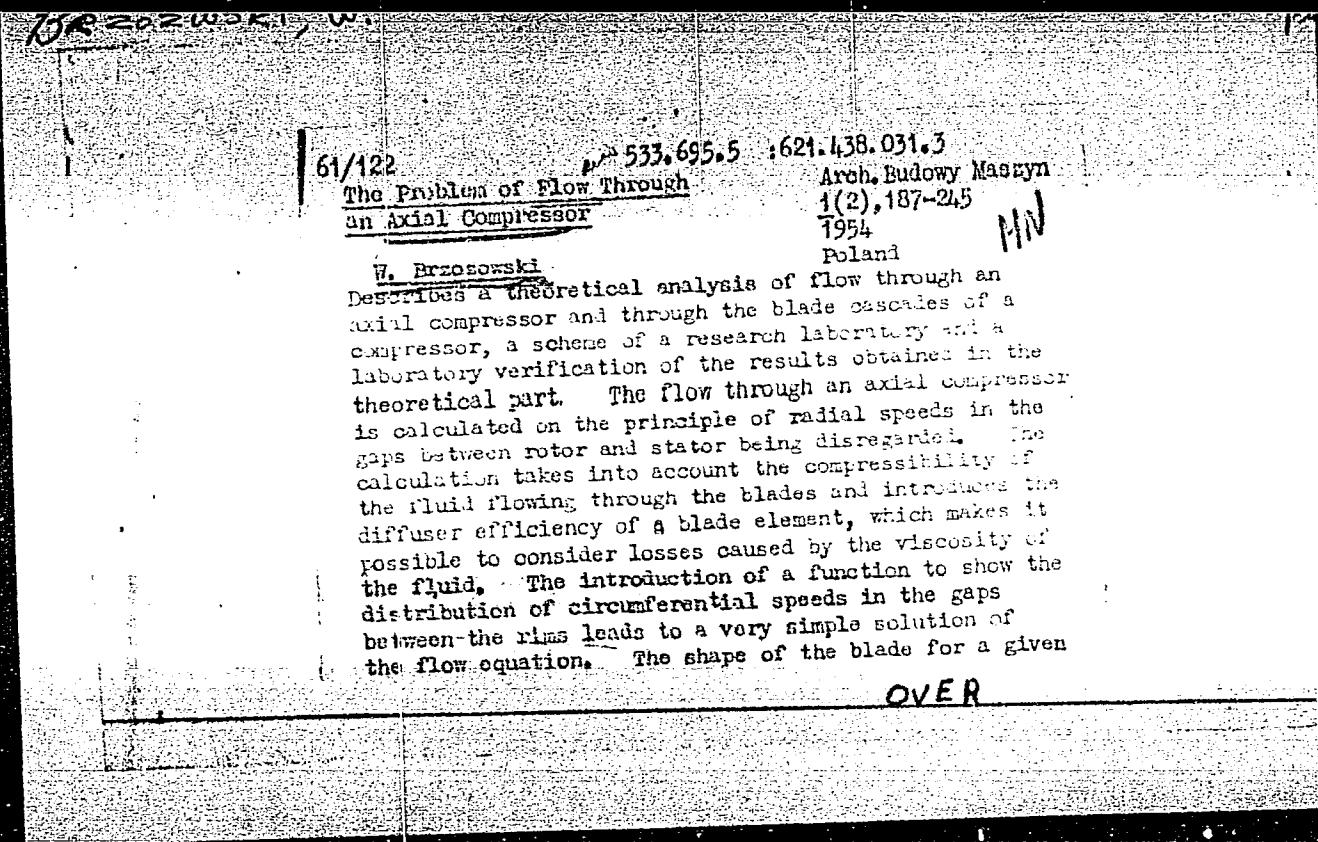
BRZOZOWSKI, Wlodzimierz, inz.

Construction of new stations of the Warsaw commuter network.
Inz i bud 21 no.5;158-163 My '64.

1. Design Office of Railroad Construction, Warsaw.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000307210005-3"



W. BRZOSOWSKI

triangle of speeds and pitch is obtained assuming the basic distribution of the thickness of a symmetrical aircraft profile along the camber line obtained by means of the single vortices method for given cascade parameters. The part dealing with laboratory measurements describes the method of conducting the measurements and their elaboration, and gives the exact

results of investigations of a cascade consisting of camber lines obtained by the single vortices method. (Bibl. 30)

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OBLICZANIE CHARAKTERYSTYCZNYCH
WIELKOSCI WARSTWY PRZYSIENNEJ BURZY
JUWEJ NA PODSTAWIE WYNIKOW BADAN
DOŚWIADCZALNYCH. Witold Brzozowski,
Arch. Budowy Maszyn (Warszawa), No. 2, 1946, pp.
165-199. In Polish. Description of a theoretical
method of calculating the characteristic quantities
of the turbulent boundary layer by using Bury's for-
mula and the mean gradient of static pressure
along the perimeter of the section. The method is
based on the results of an experimental investiga-
tion on a model of a blade with an NACA 0012 sec-
tion. The quantities calculated include the loss of
the impulse (ΔH) of the turbulent boundary layer, and
the parameter H , and the results obtained are com-
pared with the experimental results of Doenhoff and
Teiterwin, Fage, Falkner and Walker, with good
agreement. Includes determination, on the basis
of numerous measurements, of the relation of pa-
rameter H to ΔH in order to calculate the efficiency
of two-dimensional cascades of blades used in
turbines, and comparison of results with theory. The
indicated indicates deviations of 5 to 15%
The method is primarily applicable to airflows with
pressure gradients similar to those measured under
similar conditions.

dr. fgh

Card 1/2

POLISH TECHNICAL ABSTRACTS

Vol. 26, Nr. 2, 1957

~~Bronowski W. Theoretical Calculation of Losses of Flow through a Flat Cascade of Profiles.~~

~~"Doświadczalne sprawdzanie analitycznej metody obliczania strat przepływu przez płaską pasadę profiliów". Archiwum Budowy Maszyn (PAN), No. 3, Warszawa, 1956, PWN, pp. 295-316, 13 figs., 2 tabs.~~

This paper deals with the problem of calculating the efficiency of a flat cascade of profiles on the basis of the characteristic parameters of the turbulent boundary layer forming around the contours of the blades. A calculation relating to the flow of an incompressible fluid is based on the following conclusion reached experimentally: if the profiles are not placed very close one to another, it can be assumed that no loss of total pressure is observed in the radial stream at the outlet of the blade channel. In the formulae deduced, a finite thickness of the trailing edge of the blades is taken into consideration, making it possible to trace the effect of the thickness of the trailing edge on the decrease in the efficiency of the cascade. Losses in the flow are analyzed and divided into losses involved in mixing the flowing boundary layer and losses due to the eddies formed beyond the trailing edges of the blades. The author has investigated experimentally the increment of flow losses for a turbine cascade in a slow velocity tunnel. On

Card 2/2

Theoretical Calculation of Losses of Flow
through a Flat Cascade of Profiles.

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1-4F1
1-4E2b

the basis of the formulae obtained, the author calculates the losses and
the range of high efficiency work for a new type of turbine cascade,
and then compares the results with the results of experiments made in
a slow velocity cascade tunnel. The comparison shows that the calcu-
lated working range of the cascade with small losses coincides fairly
accurately with the results of wind tunnel measurements.

AB

BRZOZOWSKI, Wojciech

Magnetohydrodynamic generators. Pt. 1. Nukleonika 6 no. 9:555-563.
'61.

1. Instytut Badan Jadrowych PAN, Warszawa, Zaklad Inżynierii
Reaktorowej.

26.2351
24.6710

39019
S/124/62/000/007/012/027
D234/D308

AUTHOR: Brzozowski, W. S.

TITLE: Results of the first experiments with low power magnetohydrodynamic generators

PERIODICAL: Referativnyy zhurnal, Mekhanika, no. 7, 1962, 39, abstract 7B261 (Bull. Acad. polon. sci., Ser. sci. techn., 1961, 9, no. 10, 559-562) ✓

TEXT: The author gives the results of experiments with a magneto-hydrodynamic generator carried out at the laboratory of the Institute of Nuclear Research at Swierk near Warsaw. A plasmotron having a power of 50 kW heated argon, which was then fed through a nozzle into the graphite working chamber, of rectangular section. MgO, ZrO₂, Al₂O₃ and ZrO₂.SiO₂ coatings were used for insulation. Potash vapor, potash and KCl powders were used as additions. It was found that KCl is not efficient in increasing the electric conductivity. How-

Card 1/2

Results of the first ...

39049
S/124/62/000/007/012/027
D234/D308

ever, potash, which increases the current about 100 times, leads to considerable oxidation of the electrodes. These experiments are only regarded as a first step towards the investigation of the magnetohydrodynamic generator. Abstracter's note: Complete translation. ✓

Card 2/2

BRZOZOWSKI, Wojciech

Magnetohydrodynamic generators. Pt. 2. Nukleonika 7 no.5:287-
309 '62.

1. Instytut Badan Jadrowych, Polska Akademia Nauk, Warszawa, Zaklad
Fizyki i Techniki Plazmy.

NOWACKI, P.J.; BRZOZOWSKI, W.S.; CELINSKI, Z.

Experimental MHD-generator using combustion gases (gas burner)
as heat source. Bul Ac Pol tech 10 no.5:[287]-[292] '62.

1. Chair of Nuclear Engineering, Technical University, Warsaw, and
Institute of Nuclear Research, Warsaw. Presented by P.J.Nowacki.

BRZOZOWSKI, W.S.; CELINSKI, Z.

Plasma generators (plasmotrons, arc plasma torches, arc heaters).
Bul Ac Pol tech 10 no.5:[293]-[299] '62.

1. Department of N-IVIII Plasma Physics and Technology, Institute of
Nuclear Research, Swierk near Warsaw, Polish Academy of Sciences,
Presented by P.J.Nowacki.

BRZOZOWSKI, Wojciech, doc.dr. inz.; MIKOS, Michał, mgr.inz.; REDA,
Janusz, mgr.inz.; WANG, Robert, mgr.inz.

Plasma torches for metal cutting. Przegl. spaw 15 no.10:
216-222 0'63

1. Instytut Badan Jadrowych, Swierk k. Warszawy.

BRZOZOWSKI, Wojciech, doc. dr inz.; CYWINSKI, Jerzy, mgr inz.

Plasma spray guns for coating. Przegl mch 22 no. 12:381-
383 25 Je '63.

1. Zastepca Kierownika Zakladu Fizyki i Techniki Plazmy, Instytut Badan Jadrowych, Swierk (for Brzozowski). 2. Starszy inżynier Zakladu Fizyki i Techniki Plazmy, Instytut Badan Jadrowych, Swierk (fcr Cywinski).

POREJKO, Stanislaw; BRZOZOWSKI, Zbigniew K.

Epoxy resins derived from chlorobisphenols. Polimery tworzące wielk. 8 no. 7/8:280-282 J1-Ag'63.

1. Zaklad Technologii Sztucznych Tworzyw Organicznych,
Politechnika, Warszawa.

COUNTRY : POLAND
CATEGORY : Chemical Technology. Chemical Products and Their Applications. Synthetic Polymers. Plastics.
ABS. JOUR. : RZhKhim., No 17, 1958, No. 62705

AUTHOR : Porejko, S.; Brzozowski, Z.
INSTITUTE : -
TITLE : Application of Nuclear Reactions in the Field of Plastics.
ORIG. PUB. : Przem. chem., 1958, 37, No 1, 8-11; No 2, 69-72

ABSTRACT : A general review article. Effects on ionizing radiation on the formation of free radicals in the radiation of monomers are reviewed including the process of polymer destruction and bondage of linear polymers; the combination of polyethylene macromolecules and synthesis of the combined polymers; perspectives of further progress in the adoption of radiational chemistry in the manufacture of plastics. It is indicated that in the laboratory of the plastics technology of the Warsaw Polytechnic Institute considerable research work

Card: 1/2

COUNTRY :
CATEGORY :

H

ABS. JOUR. : RZhKhim., No 17, 1959, No. 62705

AUTHOR :
INSTITUTE :
TITLE :

ORIG. PUB. :

ABSTRACT : is being conducted in studying effects of γ -rays
Con'd on physico-mechanical properties of wood pulp,
impregnated with vinyl acetate and acrylonitrile.
Bibliography covers 51 titles. --L. Pesin.

Card: 2/2

H - 131

Card: 5/5

Country : Poland H-17
Category :

Abs. Jour. : 46819

Author : Brzozowski, Z.

Institut.

Title : Crystallization of Acetyl-Salicylic Acid.

Orig. Pub. : Farmac. polska, 1958, 14, No 7, 97-99

Abstract : Study of the process of crystallization of acetyl-salicylic acid (I) from different solvents. A procedure has been worked out for crystallizing I from a mixture of benzene (II) and acetic acid (III). 400 g technical I, 1054 ml II, and 116 ml glacial III, are heated to effect dissolution (82-85°), cooled slowly (2 hours to 60°, 8 hours to 10°), filtered, precipitate washed with II (4 times, 100 ml each) and dried 24 hours at 35-40°. Mother liquor evaporated to 1/4 volume, cooled to 15° to get second fraction of I, which after filtration and washing is added to technical I. Solvents are recovered from mother liquor of 2nd

BRZOSOWSKI, Z.

Preparation of β -methylmercaptoacrylicaldehyde. p. 217.

ROCZNIKI CHEMII. (Polska Akademia Nauk) Warszawa, Poland, Vol. 33, no. 1, 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 9, September 1959.
Uncl.

COUNTRY : POLAND G
CATEGORY : Organic Chemistry. Synthetic Organic Chemistry
PERIODICAL : RZKhim., No. 1 1960, №.1240
AUTHOR : Brzozowski, Z.
INST. :
TITLE : Preparation of 5-(β -methylmercaptoethyl)-hydantoin
ORIG. PUB. : Roczn. chem., 1959, 33, No 1, 221-223
ABSTRACT : An improved method of the preparation of 5-(β -methylmercaptoethyl)-hydantoin (I) was developed. 22.5 g of NaCN, 0.3 liter of 98% CH₃OH, 6 ml of C₆H₅Li and 23.5 g of β -methylthiopropanal are added to the solution of 105 g of NH₄CO₃ and 86 g of 25% NH₄OH in 0.2 liter of water, heated for 4 hours at 55°, the precipitate is separated, cut, condensed to 130 ml, acidified with HCl and I is separated out, yielding 94%, m.p. 100°--
D. Vitkovskiy

CARD: 1/1

G-28

BRZOZOWSKI, Zdzislaw

Preparation of 2-amino-5-mercaptop-1,3,4-thiadiazole. Rocznik chemii 34
no.2:725-728 '60. (ERAI 10:1)

1. Laboratorium Badawcze Starogardzkich Zakladow Farmaceutycznych,
Starogard Gdanski
(Aminothiadiazolethiol)

BRZOZOWSKI, Zdzislaw; JACKIEWICZ, Alodia; MUZALEWSKI, Feliks; STEFANSKI,
Tadeusz; SZCZEPKOWSKA, Teresa

The obtaining of 3-sulfanilamido-6-methoxypyridazine. Rocznik chemii
34 no. 1:299-301 '60.
(EEAI 10:9)

1. Laboratorium Badawcze Starogardzkich Zakl. Farmaceutycznych,
Starogard Gdanski.

(Methoxypyridazinylsulfanilamide)

BR 2020 USK1, Z.

1107

- 1/1 -

Moscow Problem. Wednesday, September, Vol 15, No 12 (1961).
November 1961.

2. "Two-Step Mechanism of Migration of Aromatic and
Heterocyclic Compounds." A. I. TITOV of the State
Institute and Research Institute for Organic Synthesis
and Industrial Chemistry, Moscow (translation of an article
published by author, originally published in Usp. khim.
N. 65 (1959) by N. MAKOVA of the Faculty of
Chemistry (Physical Chemistry) of the Peoples
Friendship University (Moscow) at Moscow pp 761-811
(English Summary).

3. "Unsymmetrical Redox Potentials," M. GARCIA-MILAN
etal, pp 812-816.

4. "New Reactions and Combinations of Complex Iogeno-
Compounds and Their Complexes with
Plenty Anions." M. V. KALININA and others of the Chair of
Organic Chemistry (Lecturer: G. G. Oreshnikov) of the
Lomonosov University (University of M. V. Lomonosov). Sponsored
by Bureau (Bogorodetsky Association Management). Sponsored
by Dr. M. V. KALININA. Reviewer: Romanov G.
Prof. Dr. Josef SAVITSKY and Deans Dr. Jan KOPP
(SUSU), pp 816-826.

(15)

BRZOZOWSKI, Zdzislaw; ZACHAREWICZ, Witold

On new complex compounds of isocyanates with tertiary amines. II.
Rocznik chemii 35 no.4:1163-1165 '61.

1. Laboratorium Badawcze Starogardzkich Zakladow Farmaceutycznych,
Starogard Gdanski i Katedra Chemii Organicznej, Uniwersytet M. Kopernika, Torun.

S/081/62/000/023/035/120
B166/B101

AUTHORS: Brzozowski, Zdzisław, Zacharewicz, Witold

TITLE: New complex compounds of sulfoisocyanates with tertiary and primary amines. III

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1962, 267, abstract 23Zh161 (Roczn. chem., v. 36, no. 2, 1962, 291-293 [Pol.; summaries in Russ., Eng., and Ger.])

TEXT: Sulfoisocyanates (I) have been produced previously (see communication II, RZhKhim, 1962, 6Zh4), now their interaction with primary amines is studied. The result of the reaction depends on the basicity of the primary amine and the structure of the I. When I ($R = CH_3$,

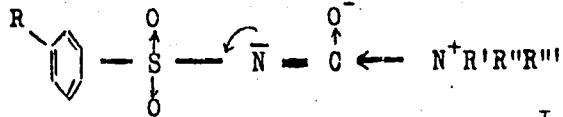
$NR'R''R'''$ = pyridine) interacts with a primary amine N,N' -substituted ureas are formed regardless of the basicity of the amine, whereas I ($R = CH_3$, $NR'R''R'''$ = dialkylaniline) react only with highly basic primary amines (dissociation constant 10^{-5} - 10^{-4}) to form a substance (II). It is suggested that the formation of II is connected with the primary amine's difficult approach to the carbonyl C atom, as a result of which the

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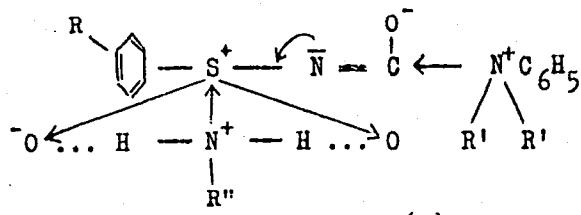
S/081/62/000/023/035/120
B166/B101

New complex compounds of...

attachment goes via the electropositive S atom due to the amine's electron pair. It was established that the ability for II formation



I



II a - e

- II. (a) $R = R' = CH_3$, $R'' = C_6H_5CH_2$; (b) $R = R' = CH_3$, $R'' = n-C_4H_9$;
 (c) $R = CH_3$, $R' = C_2H_5$, $R'' = n-C_4H_9$; (d) $R = H$, $R' = C_2H_5$, $R'' = n-C_4H_9$;
 (e) $R = Cl$, $R' = C_2H_5$, $R'' = n-C_4H_9$

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New complex compounds of...

S/081/62/000/023/035/120
B166/B101

increases with increase in the electronegativity of the R in the I ($\text{CH}_3 < \text{H} < \text{Cl}$). The II, the gross formula and the melting point in $^{\circ}\text{C}$ are given: a, $\text{C}_{23}\text{H}_{27}\text{O}_3\text{N}_3\text{S}$, 211-212; b, $\text{C}_{20}\text{H}_{29}\text{O}_3\text{N}_3\text{S}$, 221-223; c, $\text{C}_{22}\text{H}_{33}\text{O}_3\text{N}_3\text{S}$, 178.5-180; d, $\text{C}_{21}\text{H}_{31}\text{O}_3\text{N}_3\text{S}$, 177-178.5; e, $\text{C}_{21}\text{H}_{30}\text{O}_3\text{N}_3\text{SCl}$, 192-193.

[Abstracter's note: Complete translation.]

Card 3/3

BRZOZOWSKI, Zdzislaw

On new reactions and complex combinations of isocyanates with
tertiary amines and their complexes with primary amines. Wiad
chem 15 no.12:815-819 D '61.

1. Katedra Chemii Organicznej, Uniwersytet M.Kopernika, Torun.

BRZOZOWSKI, Zdzislaw; ZACHAREWICZ, Witold

On the new complex compounds of sulfoisocyanates with tertiary
and primary amines. III. Rocznik chemii 36 no.2:291-293 '62.

1. Laboratorium Badawcze Starogardzkich Zakladow
Farmaceutycznych, Starogard Gdanski, i Katedra Chemii Organicznej,
Uniwersytet im. M. Kopernika, Torun.

BRZCZOWSKI, Zdzislaw; ZACHAREWICZ, Witold

New reactions and complex compounds of isocyanates with tertiary
amines and their complexes with primary amines. Pt. 2. Roczniki
chemii 37 no.5:553-560 '63.

I. Research Laboratory, Polfa, Starogard, and Department of
Organic Chemistry, Nicholas Copernicus University, Torun.

POLAND

BRZOSZEWSKI, Zdzislaw, of the Department of General Chemistry, Academy of Medicine (Katedra Chemii Ogolnej Wydzialu Lekarskiego Akademii Medycznej, Gdansk), in Gdansk.

"Preparation of Simple and Mixed Thioethers in the Reaction of Thiourea with Alkylating Agents."

Warsaw, Roczniki Chemii, Vol 37, No 9, 1963, pp 1069-1071.

Abstract: [Author's English summary modified] Author developed a simplified general method of synthesis of thioethers from thiourea and alkylating agents. In the first stage of reaction alkyl isothiourea in aqueous solutions. Then by alkylating this salt in the presence of NaOH simple salts were obtained. Yields ranged from 71 to 84% of the theoretical yield. Four references, including two German, and 2 Western.

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BRZOZOWSKI, Zdzislaw; ZACHAREWICZ, Witold

New reactions and complex compounds of sulfonylisocyanates
with tertiary amines and their complexes with primary amines.
Rocznik chemii 36 no. 12: 1743-1749 '63.

1. Laboratorium Badawcze, Starogardzkie Zaklady Farmaceutyczne,
Starogard Gdanski, i Katedra Chemii Organicznej, Uniwersytet im.
M.Kopernika, Torun.

BRZOZOWSKI, Zdzislaw

Preparation of simple and mixed thioethers in the reaction of thiourea with alkylating agents. Rocznik chemii 37 no. 9:1069-1071 '63.

1. Department of General Chemistry, School of Medicine, Gdansk.

BRZOZOWSKI, Zbigniew K.

Halogen epoxy resins. Pt. 1. Przem chem 42 no.6:283-284
Je '63.

1. Zaklad Technologii Sztucznych Tworzyw Organicznych,
Politechnika, Warszawa.

SLOPEK, Stefan; LADOSZ, Jadwiga; HRYNCIEWICZ, Kryspina; BRZUCHOWSKA, Wanda

A new method of identifying serum siderophilin by means of
radioactive iron. Arch. immun. ther. exp. 13 no.2:157-160 '65

1. Department of Microbiology, School of Medicine, Wrocław;
Department of Bacteriology, Institute of Immunology and Ex-
perimental Therapy, Polish Academy of Sciences, Wrocław.

BRZUCHOWSKA, Wanda; HRYNCEWICZ, Kryspina

The influence of new sedative drugs on phagocytosis. Arch.
immun. ther. exp. 11 no.1/2:121-126 '63.

1. Department of Microbiology, School of Medicine, Wroclaw.
(PHAGOCYTOSIS) (BARBITURATES)
(HYPNOTICS AND SEDATIVES) (PHARMACOLOGY)
(LACTONES) (IMMUNE SERUMS) (STAPHYLOCOCCUS)

BRZUCHOWSKA, Wanda; GODZINSKA, Henryka; GREZYBEK-HRYNCEWICZ, Kryspina;
SLOPEK, Stefan.

An attempt to identify the opsonizing factor in guinea pig
serum with the immunolectrophoretic method. Arch. immun.
ther. exp. 12 no.4:449-454 '64

1. Department of Microbiology, School of Medicine, Wroclaw;
Department of Bacteriology, Institute of Immunology and Ex-
perimental Therapy, Polish Academy of Sciences, Wroclaw.

BRZUSKA, A.

Meteorological Abst.
Vol. 4 No. 6
June 1953
General Meteorology

4-6-26 551.5 mm 1.55
Z dzialalosci Polskiego Towarzystwa Meteorologicznego i Hydrologicznego. [On the activity of the Polish Meteorological and Hydrological Society.] Przegląd Meteorologiczny i Hydrologiczny, 1950/1951:241-249, 1951. DWB-Reports from recent meetings of the society contain an interesting summary of W. PAROZEWSKI's report on meteorological conditions during his 1950 glider flight, which established the international record of 8162 m, previously held by the Americans ROSS and DREIBERT (7407 m). The Polish pilot was Andrzej Barwinka. Also reports on the society's new officers, library, budget, etc., and states that the work on meteorological terminology, conducted up to now by the Sekcja Skwarcia Meteorologicznego (Section of Meteorological Terminology), is being continued by the Podkomisja Meteorologii Lotniczej Polskiego Komitetu Normalizacyjnego (Airforce Meteorology Subcommission of the Polish Committee for Normalization). Subject Headings: 1. Meteorological organizations 2. Conferences 3. Polish Meteorological and Hydrological Society 4. Poland—W. Tomczykowski.

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③ Glos

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000307210005-3

OPIENSKA-BLAUTH, Janina; KRACZKOWSKI, Henryk; BRZUSZKIEWICZ, Halina.

Thin layer chromatography. Postępy biochem. 11 no.2:211-224
'65.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000307210005-3"

BRZYCHCZY, Stanislaw

Remark on a paper of P.K.Zeragia. Prace matem Krakow no. 9:
19-22 '63.

BRZYSKI, Boleslaw

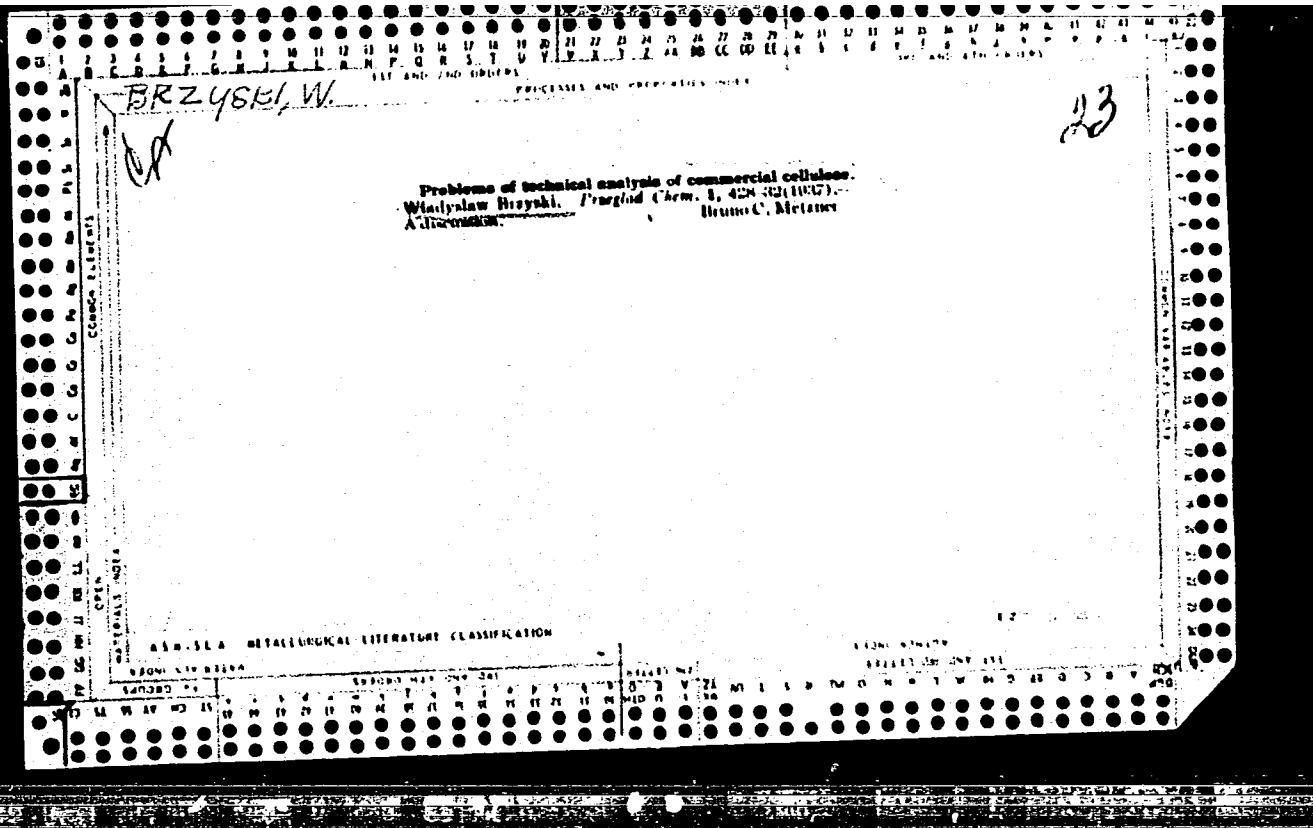
Orchis pallens and other interesting species occurring in
the Dunajec river valley near Wojnicz, district of Brzesko,
Southern Poland. Fragm florist 7 no.2:317-326 '61.

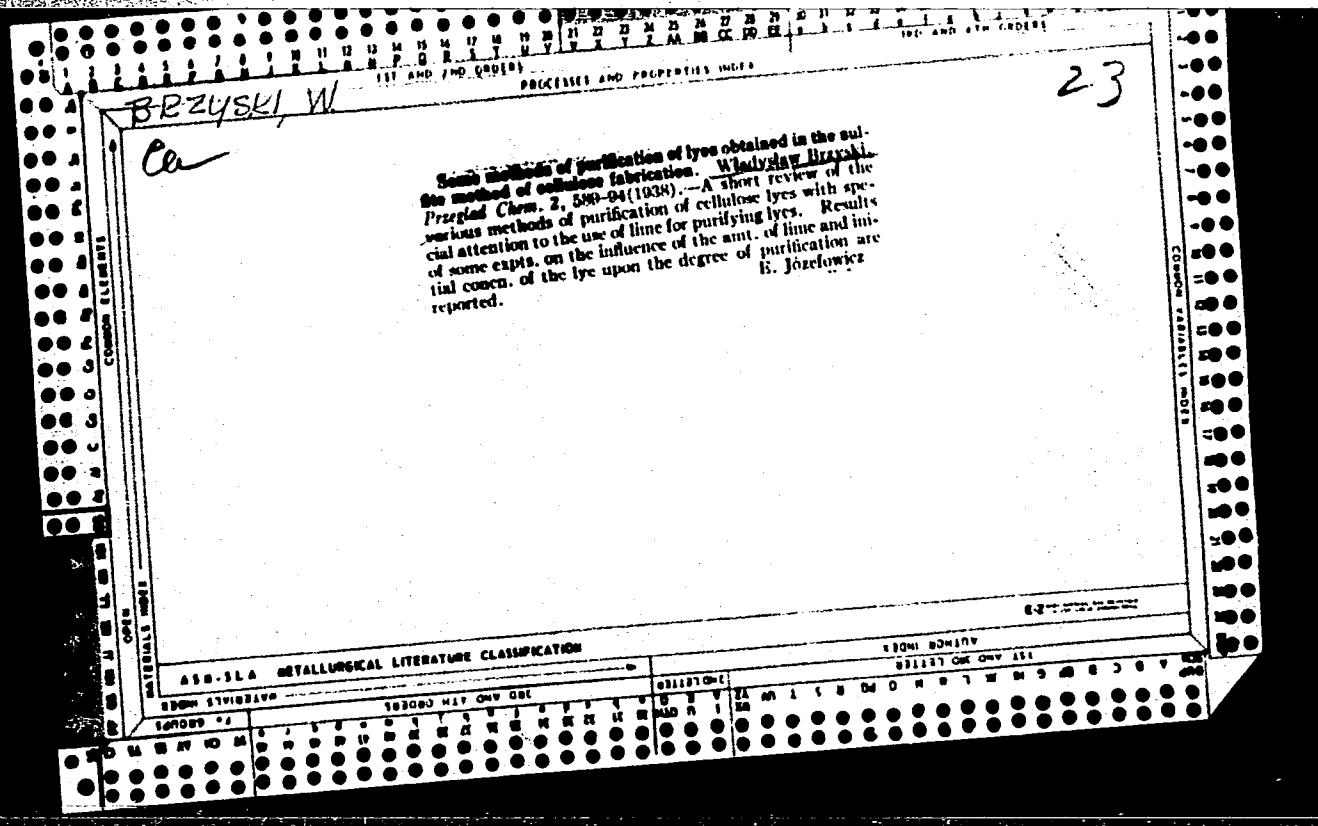
1. Instytut Botaniki Polskiej Akademii Nauk, Krakow.

BRZYCHCZY, S.

Extension of Chapilighin's method to the system of nonlinear
parabolid equations in an unbounded domain. Bul Ac Pol math
13 no.1:27-30 '65.

1. Krakow Branch of the Institute of Mathematics of the
Polish Academy of Sciences. Submitted October 31, 1964.





BRZYSKI, W.

Ferchmin, S.; Wilczynski, M. Reducing production costs. p. 3.
PRZEMYSŁ SPOŻYWCZY, Warszawa, Vol. 9, no. 1, Jan. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

BRZYSKI, W.; JANUS, W.

How to benefit more extensively from the exchange of experience
of leading technicians and foremen. p. 485.

PRZEMYSŁ SPOŻYWCZY. Warszawa. Vol. 9, no. 12, Dec. 1955

SOURCE: East European Accessions List (EEAL) LC, VOL. 5, no. 3, Mar. 1956.

BRZYSKI,W.

Introduction of standards for the utilization of raw materials in the manufacture of starch from potatoes.

P. 148 (Przemsl Spozywczy. Vol. 10, no. 4, Apr. 1956, Warszawa, Poland)

Monthly Index of East European Accession (EEAI) LC. Vol. 7, no. 2,
February 1958

BRZYSKI, W.

BRZYSKI, W. The unused reserves of the productive capacity of the potato industry. p. 359. Vol. 10, no. 9 Sept. 1956
PRZEMYSŁ SPOŁYWCZY, Warsaw Poland

SOURCE: East European Accessions List (EEAL) Vol. 6 No. 4, April 1957

~~Brzyski, W~~ Brzyski, W

Poland /Chemical Technology. Chemical Products
and Their Application

I-29

Fats and oils. Waxes. Soap.
Detergents. Flotation reagents.

Abs Jour: Referat Zhur - Khimiya, No 9, 1957, 32851

Author : Brzyski Wladyslaw

Title : Measuring Devices for Pulp and Milk

Orig Pub: Techn. przem. spozywcz., 1956, 5, No 8, 278-281

Abstract: Brief description of various designs of measuring devices used at starch plants for a uniform feed of pulp and starch milk into several concurrently operating assemblies.

Card 1/1

POLAND / Chemical Technology. Chemical Products.
Carbohydrates and Their Derivatives.

H

Abs Jour: Ref Zhur-Khimiya, 1958, No 20, 68912.

Author : Brzyski W.

Inst : Not given.

Title : Hydrocyclones in the Starch Manufacture.

Orig Pub: Przem. rolny PGR, 1957, 2, No 8, 19-24.

Abstract: Operation of hydrocyclones used in the manufacture of starch, their structural characteristics, basic merits and shortcomings are described. Possibilities of employing new type of equipment in the starch industry are reviewed from the technological and economics standpoints.

Card 1/1

Birzyński, W.

POLAND/Chemical Technology - Chemical Products and Their
Application. Carbohydrates and Refinement.

H-26

Abs Jour : Ref Zhur - Khimiya, No 3, 1958, 26719
Author : Birzyński Włodzisław
Inst :
Title : Modern Equipment for Washing Starch Out of Potato
Slurry
Orig Pub : Przem. spożywczy, 1957, 11, No 9, 379-382
Abstract : Description of modern equipment (West German, Dutch,
Swedish and Polish) for washing out starch. Technical
and economic indices are given as well as 8 diagrams of
apparatus.

Card 1/1

POLAND / Chemical Technology, Chemical Products and
Their Application, Part 3. - Carbohysrates
and Their Treatment.

H

Abs Jour: Ref Zhurnal Khimiya, No 18, 1958, 62508.

Author : Wladislaw Brzyski.

Inst : Not given.

Title : Use of Hydrocyclones in Starch Industry.

Orig Pub: Przem. spozywczy, 1957, 11, No 11, 461 - 465.

Abstract: The use of hydrocyclones in starch industry is discussed. A scheme of starch production equipped with hydrocyclones, a description of the equipment, its construction peculiarities and technico-economic indices are presented.

Card 1/1

COUNTRY	:Poland	H-26
CATEGORY	:	
ABS. JCUR.	: RZKhim., No. 16 1959, No.	58733
AUTHOR	: <u>Brzyski, W.</u>	
INST.	:Not given	
TITLE	The Utilization of Multiple Hydrocyclones in the Production of Starch	
ORIG. PUB.	Przem Spozywczy, 12, No 8, 324-326 (1958)	
ABSTRACT	The construction of multiple hydrocyclones (MHC) used in the Polish starch industry up to 1957 is described, and diagrams are given. Operating experience with such MHC has revealed a number of shortcomings in their construction. In 1957 a new type MHC was developed and has found successful application. The operating principles of the new MHC are described. The MHC are used for the thickening of the starch syrup. Two MHC are used in parallel in the first thickening stage, with a	
CARD:	1/2	

COUNTRY : Poland
CATEGORY :

5-26

ABS. JOUR. : AZKhim., No. 16 1959, No.

58733

AUTHOR :

YEAR :

TITLE :

ORIG. PUB. :

ABSTRACT : third MHC held in reserve. Subsequent thickening stages are operated with one MHC each. A total of seven MHC replacing seven sedimentation centrifuges are used. The operation of the MHC is completely reliable. A diameter of 30 mm for the cylindrical part of the MHC is recommended.

D. Bronshteyn

CARD: 2/2

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000307210005-3

BRZYWCZY-KUMINSKA, Z.

MAZUREK, T.; BRZYWCZY-KUMINSKA, Z. "Present activities of the Department of Municipal Engineering of the Institute of Municipal Economy. Biuletyn." Gaz, Wodna I Technika Sanitarna, Warsaw, Vol 28, No 4, Apr. 1954, p. 3

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000307210005-3"

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000307210005-3

BSEKILSVYATSKIY, S., Doctor of Physical-mathematical Sciences.

"A Grandiose Impression," The Soviet Artificial Earth Satellite, 1957, p. 35.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000307210005-3"

BSZORMENYI, Miklos; NYARADY, Ivan

Role of sanatoria in control of tuberculosis. Tuberkulozis 12 no.3:
49-56 Mar 59.

1. Az Orszagos Komanyi Tbc. Intezet (igazgato foorvos: Boszormenyi
Miklos dr. kandidatus; tudomanyos igazgato: Foldes Istvan dr. Kandidatus)
kozlemenye.

(TUBERCULOSIS, PULMONARY, ther.
sanatorial care (Hun))

BTAGE, S.

HUNGARY

BTAGE, Szuzsanna MD; KERTESZ, Edit MD; RENYI, Kazmer MD; SZABOLCSI, Laszlo MD; and TRENCSENTI, Tibor MD, of the Public Health Service of the Hungarian People's Army (Nephadsereg Egeszsegugyi Szolgatala).

"Follow-Up Study of Patients with Rheumatic Fever. (Problem of the development of Configuration in Vitia)."

Budapest, Orvosi Hetilep, Vol 103, No 49, 9 Dec 62; pp 2309-2311.

Abstract [Authors' Hungarian summary modified]: 367 male patients who at the time of their hospitalization for rheumatic fever between 1952 and 1956 were 21-23 years of age, were subjected to a follow-up study 4-8 years later. The article discusses the problem of the development of roentgenological configuration of the heart in those 84 of the 367 patients who as a result of the rheumatic fever had developed heart-valve defects. Five to eight years after the development of valve defect the authors found evaluable radiological deviation in only one-third of the hearts examined. By contrast, among those patients who had acquired their vicia more than eight years prior to the examination, cardiac

1/2

HUNGARY

Budapest, Orvosi Hetilap, Vol 103, No 49, 9 Dec 62; pp 2309-2311.

configuration was found in two thirds of the cases. Authors considered only the demonstrable enlargement of the left ventricle as being of pathognomonic significance among the criteria of mitral stenosis and did not pay attention to radiological symptoms of dubious value, since the latter were present to an appreciable extent also in the group not suffering from valve defects. [1] references, of which 8 in English language].

2/2

BTAGE, Zsuzsa, Dr.; KERTESZ, Edit, Dr.; RENYI, Kazmer, Dr.; TRENCSENI, Tibor, Dr.

Data on the incidence of postpleuritis tuberculotic manifestations
and on their prophylactic influenceability by inhibitors. Orv. hetil.
100 no.13:478-479 29 Mar 59.

1. A Magyar Nephadsereg Egcsaszegugyi Szolgalatanak Kozlemenye.
(PLEURISY, compl.)

pulm. tuberc. in exudative pleurisy, incidence &
prev. by antituberculotic drugs (Hun))
(TUBERCULOSIS, PULMONARY

complicating exudative pleurisy, incidence & prev.
by antituberculotic drugs (Hun))

BTAGE, Zsuzsanna, dr.; KERTESZ, Edit, dr.; RENYI, Kazmer, dr.; SZABOLCSI, Laszlo,
dr.; TRENCSENI, Tibor, dr.

Follow-up of patients with rheumatic fever (development of configuration
in vitium). Orv. hetil. 103 no.49:2309-2311 9 D '62.

1. Nephadserg Egeszsegugyi Szolgalata.
(RHEUMATIC HEART DISEASE)

BTATUS', S.

Property relations regulated by Soviet civil law. Vop.ekon.
no.9:73-82 S '60. (MIRA 13:8)
(Civil law) (Property)

BTEMIROV, I.

For good working conditions. Sov. profsoiuzy 16 no.18:41-43 S '60.
(MIRA 13:10)

1. Predsedatel' Severo-Osetinskogo oblastnogo soveta profsoyuzov.
(Ossetia, North--Industrial hygiene)

BTETSZNAJDER, Stanislaw; MOSCICKA, Iwona

Photometric testing of the flow character of an agent in models
Pt.l. Chemia stosow 5 no.3:319-335 '61.

1. Zaklad Fizykochemicznych Podstaw Technologii Instytutu Chemii
Fizycznej, Polska Akademia Nauk, Warszawa i Katedra Projektowania
Technologicznego, Politechnika, Warszawa.

BUAC, C.; LEPCEVIC, A.

The operation of the T-68 teleprinter through the BD-100 Teleprinter Central. p. 523.
(GLASNIK, Vol. 5, No. 7, July 1957)

SO: Monthly List of East European Accessions (EEAL) LC Vol. 6, No. 12, Dec. 1957
Uncl.